THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) and (b) Coal production in Singareni Collieries Company Limited is expected to be about 21.50 million tonnes in 1989-90. According to projections made, this is expected to go up to 33.59 million tonnes in 1994-95. The contribution of existing mines, sanctioned projects and new projects will be as below:—

	(m.t.)
Existing mines . . .	13.08
Sanctioned projects . .	13.22
New Projects . .	7.29
	33.59

Expenditure Incurred in Purchasing Machines by Coal India Limited

2844. SHRI SAMAR MUKHERJEE: Will the Minister of ENERGY be pleased to state:

(a) what was the amount spent in purchasing machines by the Coal India Limited for three years till 31st March, 1988 with company-wise break-up;

(b) what was the capacity utilisation of the major machines to the Pay loader, dumper, dozer, dragline during the last three years with company-wise and year-wise break-up;

(c) what was the cost of production per tonne of coal due to mechanisation for the same period;

(d) whether the increase in productivity attributable to the machines and the benefits accrued justified the cost; and

(e) what are the details thereof till 31st March, 1988?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) The investment made by Coal India Ltd. in plant and machinery during 1985-86, 1986-87 and 1987.88, subsidiary wise is as follows:—

(Rs. in crores)

Company	1985-86	1986-87	1987-88
ECL	82.98	70.96	81.77
BCCL	99.25	103.72	124.92
CCL	197.66	107.33	81.33
WCL	212.21	70.70	71.42
NCL	..	127.96	96.29
SECL	..	111.23	132.88
CMPDIL	3.46	1.93	7.19
CIL	3.55	1.67	2.68
Total CIL	599.11	595.50	598.48

(b) The percentage capacity utilisation of the draglines available in coal companies during 1985-86, 1986-87 and 1987-88 was the following:—

Company	1985-86	1986-87	1987-88
NCL	114.71	111.26	121.62
WCL	98.60	92.09	95.76
SECL	..	57.71	62.42

The percentage capacity utilisation dumpers in different coal companies was as under:—

Company	1985-86	1986-87	1987-88
ECL	81.76	93.86	N.A.
BCCL	68.80	77.91	73.82
CCL	75.13	72.48	78.95
NCL	46.25	72.38	72.09
WCL	90.56	89.56	87 22
SECL	..	72.65	73.56

As pay loaders and dozers are auxiliary equipment for assisting the basic excavating equipment, there is no specific production capacity associated directly with their operation.

(c) The overall cost of production in open cast mines, which are significantly mechanised, was Rs. 143.75 per tonne in 1986-87 and Rs. 155.24 per tonne in 1987-88.

(d) and (e) The significant degree of mechanisation in open cast mines has resulted in higher output per manshift and lesser unit cost of production of coal compared to underground mines. While the overall cost of production of coal per tonne in CIL mines in 1987-88 was Rs. 231.25, the average unit cost of production in the open cast mines was Rs. 155.24.

Number of Hydel Power Station Units in Orissa

2845. SHRI BAIKUNTHA NATH SAHU: Will the Minister of ENERGY be pleased to state:

(a) how many units of Hirakund Hydel Power Station in Orissa have been commissioned so far;

(b) whether Government were working on the commission of the seventh Unit of Hirakund Hydel Power Station;

(c) whether the seventh unit has since been commissioned; and

(d) if not, the date by which the seventh unit is expected to be commissioned?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRI KALPNATH RAI): (a) In all nine units have been commissioned so far; six in Stage-I and three in Stage-II.

(b) Yes, Sir. The erection of the 7th Unit (Stage-I) is in progress.

(c) and (d) No, Sir. The unit is likely to be commissioned in January, 1990.